FIG.

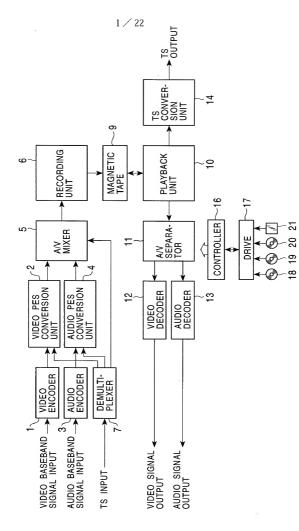


FIG. 2

VIDEO 3 FRAMES(P/B/B)
T.S.
T.S. AUDIO
VIDEO 3 FRAMES(P/B/B)
T.S.
AUDIO 4 T.S FRAMES
S.
VIDEO 3 FRAMES(I/B/B)
T.S. VIDEO 3 FRAMES(I/B/B)
S. AUDIO 4 T.S. 3 FRAMES(I/B/B)

T.S.: TIME STAMP

FIG

ı	
	VIDEO 3 FRAMES(P/B/B)
	AUDIO PES 5 FRAMES
	VIDEO PES 3 FRAMES(P/B/B)
	AUDIO PES 4 FRAMES
	VIDEO PES 3 FRAMES(I/B/B)
	AUDIO PES 4 FRAMES

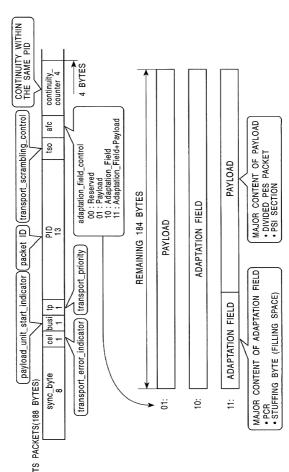
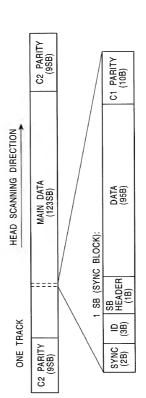


FIG. 5

		PES PAYLOAD	
	9	OTHERS STUFFING BYTE (19×8 BITS)	
PES HEADER	CONDITIONAL CODING	OTHERS (19×8 BITS	
		DTS (40 BITS)	1
		PTS (40 BITS)	BYTES
	PES	DATA LENGTH (8 BITS)	+ Z = 19
	FLAG	4+2+2+1+5+Z= 19 BYTES	
	Ç	+5+5	
	PES	START PACKET (2 AND CODE LENGTH (32 BITS) (14 BITS) (8 BITS)	4
	PACKET	START CODE (32 BITS)	

FIG. 6



TONCHO" GRATABBO

FIG. 7

				_			_		_
BIT-0				RESERVED					
Н				=	_				
BIT-1					RESERVED				
BIT-2		CONTINUITY COUNTER	CONTINUITY COUNTER	EED		TIME STAMP			
\vdash		Ξ		SF		F	~		
BIT-3		CONTINU	CONTIN	SEARCH SPEED			COUNTER		
BIT-4		FULL/PARTIAL	FULL/PARTIAL	VIDEO/AUDIO	AUX MODE	RESERVED	CONTINUITY COUNTER	DESERVED	RESERVED
BIT-5	*			Ą					
BIT-6	< DATA TYPE→	PES-VIDEO	PES-AUDIO	SEARCH-DATA	AUX	TS-1	TS-2	NULL	RESERVED
BIT-7	· · · · · · · · · · · · · · · · · · ·	0	-	2	8	4	2	9	7

AUX MODE
0: AUX-V
1: AUX-A
2: PSI-1
3: PSI-2
4: SYSTEM
5-7: RESERVED

FIG. 8

	PES-FULL	PES-PARTIAL			
ATTERN	PES DATA 95BYTES		DATA TYPE FULL/PARTIAL CONTINUITY COUNTER PES 3 BITS 1 BIT	000 = PES-VIDEO 0 = FULL 000 = PES-AUDIO 1 = PARTIAL	CONTINUITY COUNTER: BY USING CYCLIC COUNTER INDEPENDENTLY FOR PES-VIDEO AND PES-AUDIO, IT CAN BE IDENTIFIED THAT THE SAME TYPE OF SB IS CONTINUOUS
DING PA	HEADER 1 BYTE	HEADER 1 BYTE	DATA T 3 BITS	000 = PE 000 = PE	
PES RECORDING PATTERN	PART OF PES DATA	FINAL PES DATA	 HEADER		
	PART OF	FINAL			

FIG. 9

PES RECO	PES RECORDING PATTERN	ERN		92+95	92+95 = 187 BYTES	
PSI 1ST SB	HEADER 1 BYTE	RESERVED 3 BYTES	E S)	IRST HALF OF ync_byte 47H IS	FIRST HALF OF PSI TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	PSI-1
PSI 2ND SB	HEADER 1 BYTE	SEC	OND HAL	F OF PSI TS F	SECOND HALF OF PSI TS PACKET 95 BYTES	PSI-2
HEADER	DATA TYPE 3 BITS	AUX MODE 3 BITS	ODE	RESERVED 2 BITS	AUX(PSI)	
	011 = AUX	010	010 = PSI-1 011 = PSI-2			
	IN PES REC TS PACKET	ORDING MC IS DIVIDED	DE, RECI AND REC	IN PES RECORDING MODE, RECEIVED PSI (PAT/PMT/SIT) TS PACKET IS DIVIDED AND RECORDED IN TWO SBS AS AUX	/PMT/SIT) O SBS AS AUX	

FIG. 1

] TS-1	TS-2	ı	TIME STAMP: 3+24 = 27BITS		
(O	вутеѕ			TIME STAN		ER FOR TS, AT TS IS
92+95 = 187 BYTES	FIRST HALF OF TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	SECOND HALF OF TS PACKET 95 BYTES		RESERVED/2 BITS/TIME STAMP/3 BITS TS-2 CONTINUITY COUNTER/5 BITS		CONTINUITY COUNTER: BY USING CYCLIC COUNTER FOR TS, IT CAN BE IDENTIFIED THAT TS IS CONTINUOUS.
TS RECORDING PATTERN	HEADER TIME STAMP 1 BYTE 3 BYTES	HEADER 1 BYTE		DATA TYPE 3 BITS	100 = TS-1 101 = TS-2	
TS RECORE	TS PACKET 1ST SB	TS PACKET 2ND SB		HEADER		

FIG. 11

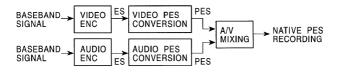


FIG. 12

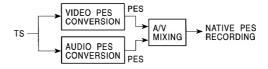


FIG. 13

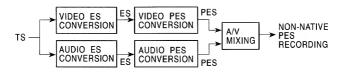


FIG. 14



FIG. 15

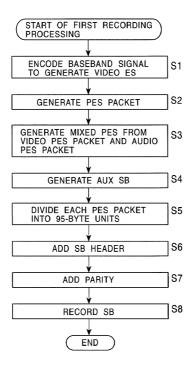


FIG. 16

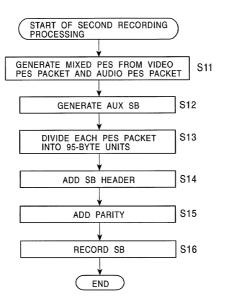


FIG. 17

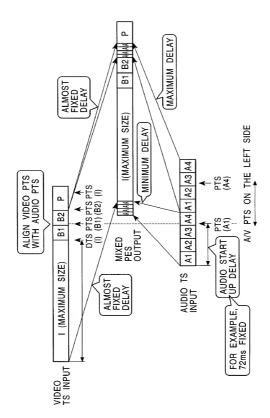


FIG. 18

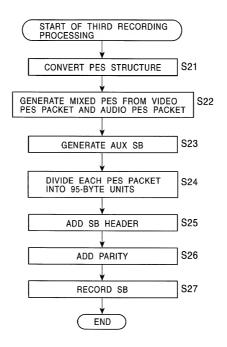


FIG. 19

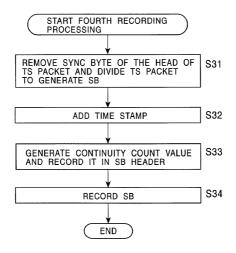


FIG. 20

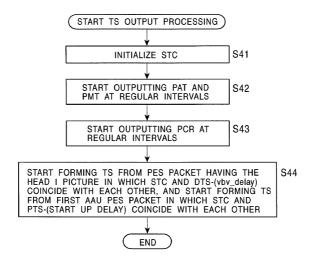
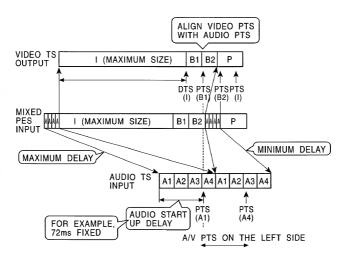


FIG. 21





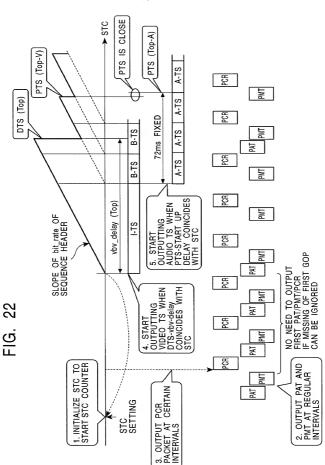
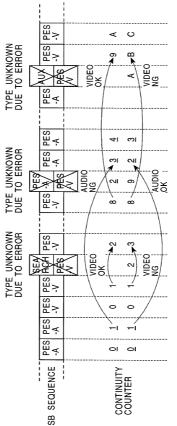


FIG. 23



UNDERSCORED VALUES ARE PES-A

FIG. 24

